

## B7-like cross-reactive motif

	YFW	STC	YFW	A
+	1 2 3 4 5 6 7 8 9	QN DE QN DE	P	
	A	G A G		
-	DE			
	G			
	P			

- Motif is comprised of all residues which are "+" or "-" for two or more alleles.

FIGURE 1

45 16 01 E 50 22 51 N 310

**B\*0701**

	RHK, YFW	RHK	G	RHK	QN	STC	P, A	L, M
++								
+	1	2	3	4	5	6	7	8
								9
		P	A	P,DE				A
- -	DE, P	DE	DE, QN	G	QN	DE	DE	Y, W

**B\*3501**

	YFW			QN		YFW	A	Y, F
++								
+	1	2	3	4	5	6	7	8
								9
- -	A, G, P		QN		G	A, G, QN	DE	W

**B\*5301**

	YFW			STC	G	YFW		F, W
++				A				
+	1	2	3	4	5	6	7	8
								9
- -	A, G, QN, P		QN		G	A, QN, P	DE	M

**B\*5401**

	YFW			LIVM	STC	LIVM	A, YFW	A
++								
+	1	2	3	4	5	6	7	8
								9
- -	G, DE, P	P	RHK	G, DE	G	RHK	FY, M	W

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